



A.D. 1873, 23rd JULY. N° 2516.

Bandages, Padding, &c.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by James Arnold at the Office of the Commissioners of Patents, with his Petition, on the 23rd July 1873.

I, JAMES ARNOLD, of the Firm of Arnold and Sons, of 35 and 5 36, West Smithfield, in the City of London, Surgical Instrument Makers, do hereby declare the nature of the said Invention for "A NEW OR IMPROVED MANUFACTURE OF AND MATERIAL FOR BANDAGES, PADDING, BEDDING SHEETS, PADDING FOR SPLINTS, FOR SPLINTS THEMSELVES, AND FOR OTHER PURPOSES," to be as follows :—

10 The Invention consists,—

Firstly. In the employment of india-rubber or of a composition thereof for the manufacture of bandages, padding, padding for splints, and splints themselves, bedding sheets for invalids, and for any medical, sanitary, or other purpose.

15 The second part of the Invention consists in the manufacture of material for the aforesaid purposes, consisting of a flat surface or surfaces of india-rubber with circular or other shaped ribs or tubes thereon, the said tubes being placed at any convenient distance apart. I prefer to have the flat surface of the rubber perforated, or instead of

Arnold's Improved Manufacture of Bandages, Padding, &c.

the sheet with tubes thereon I employ a rubber having a corrugated or other uneven surface, with preferably, perforations therein, or I adopt such other equivalent shapes or means as aforesaid, whereby an uneven surface is given to the rubber, my object being to produce a bandage, splint, bed, or mattress, through which air is free to pass, and at the 5 same time for it to be flexible.

To make the splint or material stiff I pass wire, cane, or other suitable material through it or through the tubes in same.

Material made according to my Invention is preferably made in strips, pieces, or lengths, so that such a length or quantity as is required for 10 any particular purpose can be cut off.

Padding, splints, bandages, beds, mattresses, and the like made according to this Invention are flexible, light, and cleanly.

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